

PAT-NO: JP02000198277A

DOCUMENT-IDENTIFIER: JP 2000198277 A

TITLE: ACCEPTIVE SHEET

PUBN-DATE: July 18, 2000

INVENTOR-INFORMATION:

NAME	COUNTRY
OWATARI, HISASHI	N/A
SEKI, SHIGEMI	N/A
MIMURA, TAKASHI	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
TORAY IND INC	N/A

APPL-NO: JP11000994

APPL-DATE: January 6, 1999

INT-CL (IPC): B41M005/38, B32B027/36

ABSTRACT:

**PROBLEM TO BE SOLVED:** To provide an acceptive sheet having excellent folding wrinkle resistance, in addition to printability.

**SOLUTION:** In the acceptive sheet comprising an acceptive layer, a white laminated polyester film and a base material made of paper sequentially laminated, the film is constituted by laminating a white polyester layer (A) at least on one surface of a white polyester layer (B), the acceptive layer is formed at the layer (A) side, the layers (A), (B) are white laminated polyester film having void-containing layers formed by incorporating a thermoplastic resin non-compatible with the polyester in such a manner that a void content

and number of voids satisfy following formulae (1) to (4) of (1)  $V_B = 5$  to  $50\%$ ,  
(2)  $0.1 < 0.9$ , (3)  $n_B = 8 < n_A/n_B < 0.9$ , wherein  $V_A$ ,  $V_B$  are each a void content of  
the layers (A), (B),  $n_A$ ,  $n_B$  are each number of voids of the layers (A), (B).

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PAT-NO: JP403234897A

DOCUMENT-IDENTIFIER: JP 03234897 A

TITLE: HEAT-RESISTANT PAPER

PUBN-DATE: October 18, 1991

INVENTOR-INFORMATION:

NAME

ONUMA, NORIYUKI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

TEIJIN LTD

N/A

APPL-NO: JP02024058

APPL-DATE: February 2, 1990

INT-CL (IPC): D21H021/34, D21H013/26, D21H013/40, D21H017/67

US-CL-CURRENT: 162/176

ABSTRACT:

**PURPOSE:** To obtain a heat-resistant paper having excellent heat-resistance, folding resistance and tear strength and useful as an inner lining paper for hot-air hose of automobile by compounding an aromatic polyamide fibril, a heat-resistant reinforcing fiber, a fine rock wool fiber free from shot and a cellulose pulp at specific ratios.

**CONSTITUTION:** The objective heat-resistant paper is composed of (A) 5-40wt.% of an aromatic polyamide fibril [preferably poly(m-phenylene isophthalamide)], (B) 5-40wt.% of a heat-resistant reinforcing fiber (e.g. aromatic polyamide fiber or glass fiber), (C) 0-80wt.% of fine rock wool fiber essentially free

from shot (preferably fiber having an average fiber diameter of  $4\mu\text{m}$  and an average fiber length of  $120\mu\text{m}$ ) and (D) 10-50wt.% of cellulose pulp.

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PAT-NO: JP403045798A

DOCUMENT-IDENTIFIER: JP 03045798 A

TITLE: PRODUCTION OF WATER-RESISTANT PULP SHEET

PUBN-DATE: February 27, 1991

INVENTOR-INFORMATION:

NAME

MIYAZAKI, KEIJI

KONDO, MASAHARU

TSUCHIYA, HIROSHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KK NIPPON KAMIPARUPU KENKYUSHO

N/A

APPL-NO: JP01177117

APPL-DATE: July 11, 1989

INT-CL (IPC): D21H011/20

ABSTRACT:

**PURPOSE:** To obtain the title sheet suitable as a solid-liquid separating material, having excellent water resistance, folding endurance, toughness and air permeability, capable of being remacerated, by subjecting an alkali metal salt of specific pulp to double decomposition with a tri- or polyvalent inorganic metal salt such as Al ion and agglomerating.

**CONSTITUTION:** An alkali metal salt of pulp containing 5-10 pts.wt. carboxyethyl group based on 100 pts.wt. cellulose is subjected to double decomposition with a tri- or polyvalent inorganic metal salt such as aluminum ion or zirconium ion and agglomerated to give the aimed sheet.

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DERWENT-ACC-NO: 1986-044428

DERWENT-WEEK: 198607

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TITLE: Polyurethane sheets mfr. with good creping characteristic - by adding e.g. alkylbetaine and alkylamine salt, and water fatty acid ester, alkylene:di:amine acetate and titanium oxide, to polymer soln.

PATENT-ASSIGNEE: KURARAY CO LTD[KURS]

PRIORITY-DATA: 1983JP-0251969 (December 28, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60141734 A	July 26, 1985	N/A	006	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 60141734A	N/A	1983JP-0251969	December 28, 1983

INT-CL (IPC): C08J009/28, D06N003/14

ABSTRACTED-PUB-NO: JP 60141734A

BASIC-ABSTRACT:

In mfr. (1) at least one of alkylbetaine, alkylbetaine-ethyleneoxide adduct, alkylamine salt and alkylamine salt-ethyleneoxide adduct and (2) at least one from water, fatty acid ester, alkylenediamine acetate and titanium oxide are added to a polymer soln. essentially comprising polyurethane elastomer, and the resulting soln. is coagulated in a wet coagulating condition that may form a sheet with macro-sponge from the soln.

USE/ADVANTAGE - The sheet has a natural leather-like feeling and appearance and good creping characteristic and folding-resistance. Used as synthetic bags,

shoes, belts, etc.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: POLYURETHANE SHEET MANUFACTURE CREPE

CHARACTERISTIC ADD ALKYL

BETAINE ALKYLAMINE SALT WATER FATTY ACID ESTER ALKYLENE  
DI AMINE

ACETATE TITANIUM OXIDE POLYMER SOLUTION

DERWENT-CLASS: A25 A94 E19 E32

CPI-CODES: A08-S; A11-B04C; A11-B06D; A12-B02A; A12-S02; A12-S06A;  
E10-A22;

E10-B01C; E10-B03B; E10-B04D; E10-G02H; E35-K02;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*

Fragmentation Code

A422 A940 C108 C550 C730 C801 C802 C803 C804 C805

C807 M411 M782 M903 M910 Q130 R043

Chemical Indexing M3 \*02\*

Fragmentation Code

H1 H100 H102 H103 H181 H401 H402 H481 H482 H583

H584 H589 J011 J171 L722 M210 M211 M212 M213 M214

M215 M216 M220 M221 M222 M223 M224 M225 M226 M231

M232 M233 M273 M281 M283 M311 M312 M321 M323 M332

M342 M349 M381 M383 M391 M393 M416 M620 M782 M903

Q130 R043

Chemical Indexing M3 \*03\*

Fragmentation Code

J0 J011 J2 J271 M210 M211 M212 M213 M214 M215

M216 M220 M221 M222 M223 M224 M225 M226 M231 M232

M233 M262 M272 M281 M320 M416 M620 M782 M903 Q130

R043

Chemical Indexing M3 \*04\*

Fragmentation Code

H1 H103 H182 J0 J014 J1 J173 M280 M311 M312

M313 M314 M315 M316 M321 M323 M331 M332 M333 M342

M349 M381 M383 M391 M393 M416 M620 M782 M903 Q130



R043

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0278U; 1740U ; 1966U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0004 0009 0013 0034 0037 0222 0224 0072 0229 3178 1296 1297 1319  
1450 1462 1594 1678 1762 2209 2277 2280 2310 2318 2319 2321 2380 2427 2437 2441  
2507 2522 2537 2568 2628 2632 2653 2661 2713 2716 3269 2726 2845 2856  
Multipunch Codes: 014 028 03- 032 038 07& 075 09& 143 144 15- 150 155 157 160  
163 166 169 170 171 198 203 209 210 239 240 273 305 306 311 316 318 325 332 336  
342 364 365 39& 398 402 403 431 44& 443 477 49- 491 502 531 532 551 560 566 567  
570 575 59& 595 597 602 619 620 630 673 687 692 720 725

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1986-018574